



Green Building Update

Report to RMC

Kurt Stogdill, Manager, Green Building
February 20, 2018



Foundation Communities Lakeline Learning Center





Green Building Year in Review

- What does Green Building Do?
- Makeup of AEGB
- Progress to goals for FY '17
- Major accomplishments for '17
- Areas of focus for FY '18



What Does Green Building Do?

MISSION

To cultivate innovation in building and transportation for the enrichment of the community's environmental, economic and human well-being.

Green Building Formula

- Innovation
- Programs/Ratings
- Education/Outreach
- Policy/Codes





Makeup of Green Building

Three Workgroups

Residential

Single Family
Production & Custom

Multifamily
Residential < 7 Stories

Commercial

Commercial &
Residential ≥ 7 Stories



Evaluation & Development

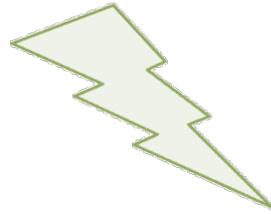




Residential Measures- FY '17



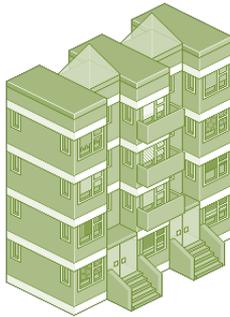
1,004*
Homes



3,446,000
kWh

CO_{2e}

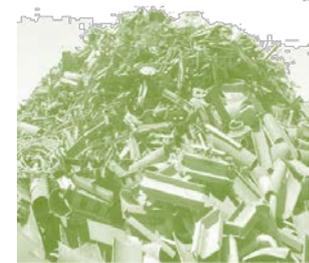
1,329
metric tons



1,464
MF units



13,100,553
gallons of
indoor water



6,697
tons construction
waste diverted

* Includes 355 homes in extended area

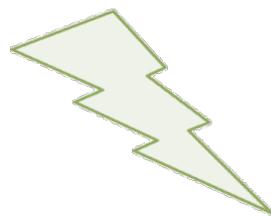


Commercial Measures- 28 projects



2.3

Million SF



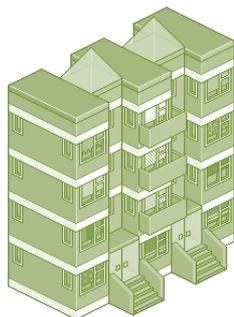
13,017,000

kWh

CO_{2e}

5,020

metric tons



639

MF units



8,542,000

gallons of
indoor water



16,822

tons construction
waste diverted



Reporting Results- All of Green Building

Results from FY '17

- 19.3 MW peak demand
 - Goal to meet was 18.1 MW
- Rated projects 25% of new construction permits
- Impacted 100% of new projects through code



2017 Cool house Tour @ Mueller



2017 Accomplishments

- Solar Ready became effective 10/1/17
- Launched Integrated Modeling Incentive
- Changed timing to claimed code saving-1 yr. after permit
- Historical program data put on City's Open Data portal @ data.austintexas.gov
- Mueller LEED ND Gold
- ~1,800 attendees @ seminars
- Ratings improvements
- Future Focus initiative
- Collaboration
 - ARR
 - Austin Water
- Recognition





Central Texas Food Bank



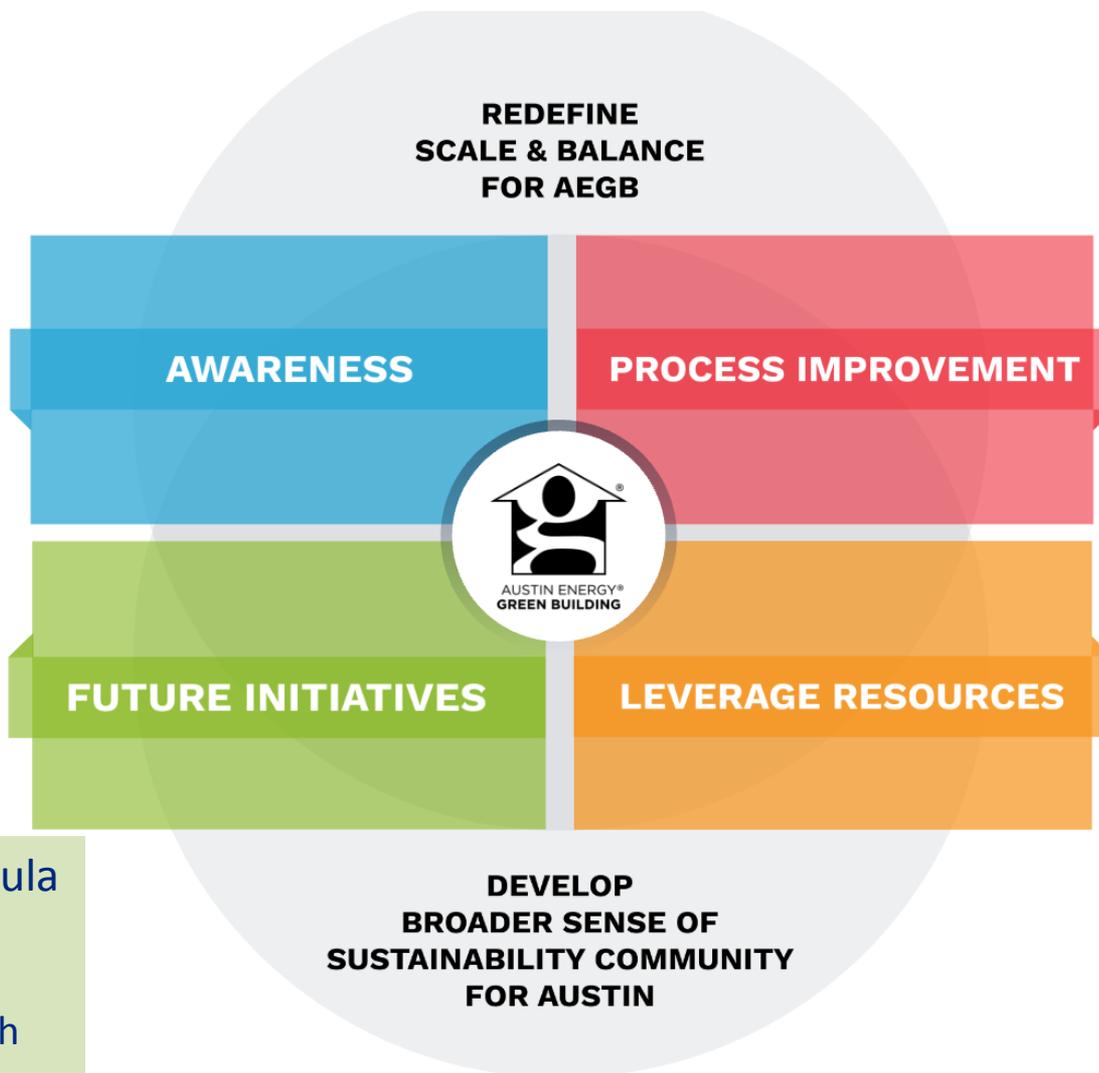


AISD- Performing Arts Center ★★★★★





Future Focus- FY' 18 & Beyond



Green Building Formula

- Innovation
- Programs/Ratings
- Education/Outreach
- Policy/Codes



Questions...

Kurt Stogdill
Mgr. Green Building & Sustainability
Austin Energy
kurt.stogdill@austinenergy.com
512-322-6510

*Austin Independent School District
Performing Arts Center at Mueller*
★★★★★ and LEED Gold

